

# Bidhan Chandra College, Rishra

## Department of Computer Science

### Programme and Course Outcome (up to Sem 2)

in Computer Science under credit framework (2023)

<b>Programme offered</b>	<b>Three year B.Sc. - Multidisciplinary(MDC)</b>	
<b>B.Sc. (MDC.) Computer Science</b>		
<b>Programme Outcome</b>	PO1	Course is designed so that students can get basic knowledge on computers and some of the very useful and popular softwares,
	PO2	After completion of the course the students can pursue higher education such as PGDCA, MCA , MBA etc.
	PO3	After completion of the course students can get jobs at different organizations as well as different public and private sector companies, banks, rail etc.
<b>Semester I</b>		
<b>Course Code</b>	<b>Course Name</b>	<b>Course Outcome</b>
CMS- MD- CC1- 1- Th	Computer fundamentals and Digital Logic	Students are taught computer fundamentals along with different logic gates, combinational circuits, sequential circuits and integrated circuits
CMS- MD- CC1- 1- P	Computer fundamentals and Digital Logic Lab	Students get hand-on experience on circuit design. They are taught how to design different logic gates, combinational circuits, sequential circuits and integrated circuits
<b>Semester II</b>		
<b>Course Code</b>	<b>Course Name</b>	<b>Course Outcome</b>
CMS- MD- CC2- 2- Th	Problem Solving using C	Students are taught the high level language C. They learn the basics of C programming language such as data types, preprocessors, loops, control statements, functions, arrays, pointers, linked list, stacks, queues and user defined data types and file accessing.

CMS- MD- CC2- 2- P	Problem Solving using C Lab	Students are given assignments on above topics in C programming language. They solve the assignments using C in the computer lab.
CMS- MD- SEC2- 2- Th	Web Development	This course provides an introduction to web development using HTML (Hypertext Markup Language) and CSS (Cascading Style Sheets). Students will learn the core concepts needed to create and style web pages. The course covers the fundamentals of HTML structure, CSS styling properties, and responsive web design principles.
CMS- MD- SEC2- 2- P	Web Development Lab	<ol style="list-style-type: none"> <li>1. Understanding the basics of web development and the role of HTML and CSS.</li> <li>2. Create well-structured HTML documents using proper tags and elements.</li> <li>3. Apply CSS to style web pages, including layout, typography, colors, and images.</li> <li>4. Implement responsive design techniques to ensure optimal display on different devices.</li> <li>5. Incorporate multimedia elements, such as images, videos, and audio, into web pages.</li> <li>6. Understand best practices for organizing and maintaining code in web development projects.</li> <li>7. Develop and deploy a basic website using HTML and CSS.</li> </ol>